WELDING JOURNAL INDEX

VOLUME 53 — 1974

PUBLISHED BY AMERICAN WELDING SOCIETY, 2501 N.W. 7TH ST., MIAMI, FL 33125

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Gregory, B. and McWeeny, P. J. — Effect of Sulfides on Welds Between Ni Alloys and Free Machining Steel, 524-s to 528-s, (Nov).
Gregory, J. T. and Loper, C. R. Jr. — Microstructural Aspects of Weld Metal Solidification in Large Grain Aluminum, 126-s to 133-s, (Mar).

Haggard, D. K. and Greenfield, M. A. — Thermomechanical Processing of a Welded Metastable Beta Titanium Alloy, 339-s to 342-s, (Aug).
Hall, W. F., Davis, B. I., Rosen, C. D. and Malmuth, N. D. — Transient Thermal Phenomena and Weld Geometry in GTAW, 388-s to 400-s, (Sept).
Hill, D. C. and Passoja, D. E. — Understanding the Role of Inclusions and Microstructure in Ductile Fracture, 481-s to 485-s, (Nov).
Hillyer, R. F., Keller, D. L., Riefenberg, D. H. and Bennett, W. S. — Vacuum Brazing Studies on High Manganese Stainless Steel, 510-s to 516-s, (Nov).
Holko, K. H. — Hot Press and Roll Welding of Ti-6Al-4V with Auto-Vacuum Cleaning, 219-s to 224-s, (May).
Hrubec, R. J. and Kenyon, N. — Brazing of a Dispersion Strengthened Nickel Base Alloy Made by Mechanical Alloying, 145-s to 152-s, (April).

Inouye, S., Key, R. E. and Burnett, L. I. — Titanium Structural Brazing, 426-s to 431-s, (Oct).

Jackson, C. E. and Tomsic, M. J. — Energy Distribution in Keyhole Mode Plasma Arc Welds, 109-s to 115-s, (Mar).
Jones, W. H., Cartmill, W. B., Saul, W. A. and Coffey, D. L. — Technical Note: Parametric Modification of Weld Microstructure in Iridium, 566-s to 568-s, (Dec).
Jones, W. K. C. — Heat Treatment Effect on 2CrMo Joints Welded with a Nickel-Base Electrode, 225-s to 231-s, (May).
Jordan, M. F., Littleton, J. and Lammas, J. — Nitrogen Porosity in Gas Shielded Arc Welding of Copper, 561-s to 565-s, (Dec).
Judy, R. W., Jr. and Goode, R. G. — Application of Principles for Fracture-Safe Design for Aluminum and Titanium Alloys, 135-s to 143-s, (Mar).

Kampschaefer, G. E., Sarno, D. A. and Bruner, J. P. — Fracture Toughness of 5% Nickel Steel Weldments, 486-s to 494-s, (Nov).
Kato, B. and Morita, K. — Strength of Transverse Fillet Welded Joints, 59-s to 64-s, (Feb).
Keller, D. L., Riefenberg, D. H., Bennett, W. S. and Hillyer, R. F. — Vacuum Brazing Studies on High Manganese Stainless Steel, 510-s to 516-s, (Nov).
Kenyon, N. and Hrubec, R. J. — Brazing of a Dispersion Strengthened Nickel Base Alloy Made by Mechanical Alloying, 145-s to 152-s, (April).
Key, J. F. and Courtney, T. H. — Refractory Metal Tips for Resistance-Spot Welding of Galvanized Steel, 261-s to 266-s, (June).
Key, R. E., Burnett, L. I. and Inouye, S. — Titanium Structural Brazing, 426-s to 431-s, (Oct).
Key, R. E. and McHenry, H. I. — Brazed Titanium Fail-Safe Structures, 432-s to 439-s, (Oct).
King, R. T., Stiegler, J. O. and Goodwin, G. M. — Relation Between Mechanical Properties and Microstructure in CRE Type 308 Weldments, 307-s to 313-s, (July).
King, T. B., Batra, N. K. and See, J. B. — Flux Reactions in Soldering, 417-s to 425-s, (Oct).
Krenzer, R. W. and Brooks, J. A. — Progress Toward a More Weldable A-286, 242-s to 245-s, (June).

Lammas, J., Jordan, M. F. and Littleton, J. — Nitrogen Porosity in Gas Shielded Arc Welding of Copper, 561-s to 565-s, (Dec).
Lange, H. and Steffens, H.-D. — Properties of High Temperature Brazed NiCr20TiAl-PdNi40 Joints, 476-s to 479-s, (Oct).
Lee, A. Y., Falke, W. L. and Schwaneke, A. E. — Interfacial Compositions of Solders and Fluxes on Aluminum, 446-s to 453-s, (Oct).
Lee, G. C., Prawel, S. P. and Morrell, M. L. — Bending and Buckling Strength of Tapered Structural Members, 75-s to 84-s, (Feb).
Lewis, R. W., Bjeletich, J. G. and Morton, T. M. — Weldment Fracture Toughness of an Aluminum-Copper Alloy, 153-s to 160-s, (April).
Libby, C. C., Yeh, C. J. and McCauley, R. B. — Ultrasonic Longitudinal Mode Welding of Aluminum Wire, 252-s to 260-s, (June).
Lin, W. and Wang, K. K. — Flywheel Friction Welding Research, 233-s to 241-s, (June).
Littleton. J., Lammas, J. and Jordan, M. F. — Nitrogen Porosity in Gas Shielded Arc Welding of Copper, 561-s to 565-s, (Dec).
Loper, C. R. Jr. and Greogry, J. T. — Microstructural Aspects of Weld Metal Solidification in Large Grain Aluminum, 126-s to 133-s, (Mar).
Lucas, W. and Shackleton, D. N. — Shielding Gas Mixture for High Quality Mechanized GMA Welding of Q & T Steel, 537-s to 547-s, (Dec).
Lundqvist, B. and Andersson, T. — Properties and Structure of Welded Joints in Ti-3Al-2.5V Hydraulic Tubing, 314-s to 320-s, (July).

Maddox, S. J. — Assessing the Significance of Flaws in Welds Subject to Fatigue, 401-s to 409-s, (Sept).
Malmuth, N. D., Hall, W. F., Davis, B. I. and Rosen, C. D. — Transient Thermal Phenomena and Weld Geometry in GTAW, 388-s to 400-s, (Sept).
Mara, G. L., Funk, E. R., McMaster, R. C. and Pence, P. E. — Pentration Mechanisms of Electron Beam Welding and the Spiking Phenomenon, 246-s to 251-s, (June).
Marshall, P. W. and A. A. Toprac — Basis for Tubular Joint Design, 192-s to 201-s, (May).
McCauley, R. B., Yeh, C. J. and Libby, C. C. — Ultrasonic Longitudinal Mode Welding of Aluminum Wire, 252-s to 260-s, (June).
McHenry, H. I. and Key, R. E. — Brazed Titanium Fail-Safe Structures, 432-s to 439-s, (Oct).
McMaster, R. C., Mara, G. L., Funk, E. R. and Pence, P. E. — Penetration Mechanisms of Electron Beam Welding and the Spiking Phenomenon, 246-s to 251-s, (June).
McMaster, R. C., O'Brien, T. B., Pence, P. E. and Funk, E. R. — Suppression of Spiking in Partial Penetration EB Welding with Feedback Control, 332-s to 338-s, (Aug).
McWeeny, P. J. and Gregory, B. — Effect of Sulfides on Welds Between Ni Alloys and Free Machining Steel, 524-s to 528-s, (Nov).
Mills, G. S. and Bennett, W. S. — GTA Weldability Studies on High Maganese Stainless Steel, 548-s to 553-s, (Dec).
Moore, T. J. — Solid State and Fusion Resistance Spot Welding of TD-NiCr Sheet, 37-s to 48-s, (Jan).
Moorhead, A. J. and Slaughter, G. M. — Welding Studies on Arc-Cast Molybdenum, 185-s to 191-s, (May).
Morita, K. and Kato, B. — Strength of Transverse Filiet Welded Joints, 59-s to 64-s, (Feb).
Morrell, M. L., Lee, G. C. and Prawel, S. P. — Bending and Buckling Strength of Tapered Structural Members, 75-s to 84-s, (Feb).
Morton, T. M., Bjeletich, J. G. and Lewis, R. W. — Weldment Fracture Toughness of an Aluminum-Copper Alloy, 153-s to 160-s, (April).
Mulholland, W. A. and Willyard, D. L. — Soldering to Thin Film Hybrid Microcircuits, 466-s to 474-s, (Oct).

Niemann, J. T. and Garrett, R. A. — Eutectic Bonding of Boron-Aluminum Structural Components, Part 1 — Evaluation of Critical Processing Parameters, 175-s to 184-s, (April).
Niemann, J. T. and Garrett, R. A. — Eutectic Bonding of Boron-Aluminum Structural Components, Part 2 — Development and Application of the Process, 351-s to 360-s, (Aug).

O'Brien, T. B., Pence, P. E., Funk, E. R. and McMaster, R. C. — Suppression of Spiking in Partial Penetration EB Welding with Feedback Control, 332-s to 338-s, (Aug).

Passoja, D. E. and Hill, D. C. — Understanding the Role of Inclusions and Microstructure in Ductile Fracture, 481-s to 485-s, (Nov).
Patchett, B. M. — Some Influences of Slag Composition on Heat Transfer and Arc Stability, 203-s to 210-s, (May).
Pence, P. E., Funk, E. R., McMaster, R. C. and O'Brien, T. B. — Suppression of Spiking in Partial Penetration EB Welding with Feedback Control, 332-s to 338-s, (Aug).
Pence, P. E., Mara, G. L., Funk, E. R. and McMaster, R. C. — Penetration Mechanisms of Electron Beam Welding and the Spiking Phenomenon, 246-s to 251-s, (June).
Pollard, B. — Spot Welding Characteristics of HSLA Steel for Automotive Applications, 343-s to 350-s, (Aug).
Pollard, L., Jr. and Dixon, R. D. — Effect of Accurate Voltage Control on Partial Penetration EB Welds, 495-s to 497-s, (Nov).
Prawel, S. P., Morrell, M. L. and Lee, G. C. — Bending and Buckling Strength of Tapered Structural Members, 75-s to 84-s, (Feb).

Rager, D. D. and Roest, C. A. — Resistance Welding Parameter Profile for Spot Welding Aluminum, 529-s to 536-s, (Dec).
Read, J. A. and Graville, B. A. — Optimization of Fillet Weld Sizes, 161-s to 169-s, (April).
Riefenberg, D. H., Bennett, W. S., Hillyer, R. F. and Keller, D. L. — Vacuum Brazing Studies on High Manganese Stainless Steel, 510-s to 516-s, (Nov).
Robinson, I. B. and Woods, R. A. — Flow of Aluminum Dip Brazing Filler Metals, 440-s to 455-s, (Oct).
Roest, C. A. and Rager, D. D. — Resistance Welding Parameter Profile for Spot Welding Aluminum, 529-s to 536-s, (Dec).
Rørbo, K. and Christensen, J. — Nickel Brazing Below 1025 C of Untreated Inconel 718, 460-s to 464-s, (Oct).
Rosen, C. D., Malmuth, N. D., Hall, W. F. and Davis, B. I. — Transient Thermal Phenomena and Weld Geometry in GTAW, 388-s to 400-s, (Sept).

Sadowski, E. P. — Modification of Cast 25Cr-20Ni for Improved Crack Resistance, 49-s to 58-s, (Feb).
Sarno, D. A., Bruner, J. P. and Kampschaefer, G. E. — Fracture Toughness of 5% Nickel Steel Weldments, 486-s to 494-s, (Nov).
Saul, W. A., Coffey, D. L. Jones, W. H., and Cartmill, W. B. — Technical Note: Parametric Modification of Weld Microstructure in Iridium, 566-s to 568-s, (Dec).
Savage, W. F. and Franklin, J. E. — Stress Relaxation and Strain-Age Cracking in René 41 Weldments, 380-s to 387-s, (Sept).
Savage, W. F., Sawhill, J. M., Jr. and Dix, A. W. — Modified Implant Test for Studying Delayed Cracking, 554-s to 560-s, (Dec).
Sawhill, J. M., Jr., Dix, A. W., and Savage, W. F. — Modified Implant Test for Studying Delayed Cracking, 554-s to 560-s, (Dec).
Schoefer, A., Bennett, L. H., Schwartzendruber, L. J., Delong, W. T. and Campbell, H. C. — Mössbauer Effect Examination of Ferrite in Stainless Steel Welds and Castings, 1-s to 12-s, (Jan).
Schoenthaler, D. — Solder Fusing with Heated Liquids, 498-s to 509-s, (Nov).
Schulze, G., Blauel, J. G. and Smith, H. R. — Fracture Toughness Study of a Grade 300 Maraging Steel Weld Joint, 211-s to 218-s, (May).
Schwaneke, A. E., Lee, A. Y. and Falke, W. L. — Interfacial Compositions of Solders and Fluxes on Aluminum, 446-s to 453-s, (Oct).
Schwartzendruber, L. J., Bennett, L. H., Schoefer, A., DeLong, T. W. and Campbell, H. C. — Mössbauer Effect Examination of Ferrite in Stainless Steel Welds and Castings, 1-s to 12-s, (Jan).
See, J. B., King. T. B. and Batra, N. K. — Flux Reactions in Soldering, 417-s to 425-s, (Oct).
Semeniuk, A. and Brady, G. R. — Properties of TZM and Nuclear Behavior of TZM Brazements, 454-s to 459-s, (Oct).
Shackleton, D. N. and Lucas, W. — Shielding Gas Mixtures for High Quality Mechanized GMA Welding of Q & T Steel, 537-s to 547-s, (Dec).
Simpson, R. P. and Wu, K. C. — Microstructure-Property Control With Postweld Heat Treatment of Ti-6Al-6V-2Sn, 13-s to 18-s, (Jan).
Slaughter, G. M. and Moorhead, A. J. — Welding Studies on Arc-Cast Molybdenum, 185-s to 191-s, (May).
Smith, H. R., Blauel, J. G. and Schulze, G. — Fracture Toughness Study of a Grade 300 Maraging Steel Weld Joint, 211-s to 218-s, (May).
Socie, D. F. and Antolovitch, S. D. — Subcritical Crack Growth Characteristics in Welded ASTM A537 Steel, 267-s to 271-s, (June).
Steffens, H.-D. and Lange, H. — Properties of High Temperature Brazed NiCr20TiAl-PdNi40 Joints, 476-s to 479-s, (Oct).
Stiegler, J. O., Goodwin, G. M. and King, R. T. — Relation Between Mechanical Properties and Microstructure in CRE Type 308 Weldments, 307-s to 313-s, (July).

Tomsic, M. J. and Jackson, C. E. — Energy Distribution in Keyhole Mode Plasma Arc Welds, 109-s to 115-s, (Mar).
Toprac, A. A. and Marshall, P. W. — Basis for Tubular Joint Design, 192-s to 201-s, (May).
Turner, P. W. and Estes, C. L. — Laser Welding of a Simulated Nuclear Reactor Fuel Assembly, 66-s to 73-s, (Feb).

Wang, K. K. and Lin, W. — Flywheel Friction Welding Research, 233-s to 241-s, (June).
Waring, J. and Andrew, R. C. — Effect of Porosity on Transverse Weld Fatigue Behavior, 85-s to 90-s, (Feb).
Willyard, D. L. and Mulholland, W. A. — Soldering to Thin Film Hybrid Microcircuits, 466-s to 474-s, (Oct).
Woods, R. A. — Porosity and Hydrogen Absorption in Aluminum Welds, 97-s to 108-s, (Mar).
Woods, R. A. and Robinson, I. B. — Flow of Aluminum Dip Brazing Filler Metals, 440-s to 445-s, (Oct).
Wu, K. C. and Simpson, R. P. — Microstructure — Property Control With Postweld Heat Treatment of Ti-6Al-6V-2Sn, 13-s to 18-s, (Jan).

Yeh, C. J., Libby, C. C. and McCauley, R. B. — Ultrasonic Longitudinal Mode Welding of Aluminum Wire, 252-s to 260-s, (June).
Yeniscavich, W. and Armao, F. G. — Grooved Copper Mold Testing of Inconel Alloy 600, 170-s to 174-s, (April).